

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Docket No.: 15415US01

Applicant/Patent Owner: Sherman Chen, et al.

Application No./Patent No.: 10/769,173 Filed/Issue Date: January 30, 2004

Entitled: A SECURE KEY AUTHENTICATION AND LADDER SYSTEM

Broadcom Corporation, a **corporation**
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government
agency,etc.)

states that it is:

1. [X] the assignee of the entire right, title, and interest, or
2. [] an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. [X] An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014758, Frame 0483, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

[NOTE:] A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Signature: /Ognyan I. Beremski/

Name: Ognyan I. Beremski

Title: Attorney of Record (Reg. No. 51,458)

Date: May 10, 2011